

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Reissue Application of:**

**Robert Hans Meloen et al.**

**U.S. Patent: 5,885,966**

**Issued: March 23, 1999**

**For: PEPTIDE, IMMUNOGENIC COMPOSITION AND VACCINE OR MEDICAL PREPARATION, A METHOD TO IMMUNISE ANIMALS AGAINST THE HORMONE LHRH, AND ANALOGS OF THE LHRH TANDEM REPEAT PEPTIDE AND THEIR USE AS VACCINE**

**Reissue Serial No.: 09/876,257**

**Attorney Docket No.: 3516.2US**

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EV325783823US

Date of Deposit with USPS: January 16, 2004

Person making Deposit: Christopher Haughton

**OFFER TO SURRENDER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned applicants of the accompanying reissue application of Letters Patent for "PEPTIDE, IMMUNOGENIC COMPOSITION AND VACCINE OR MEDICAL PREPARATION, A METHOD TO IMMUNISE ANIMALS AGAINST THE HORMONE LHRH, AND ANALOGS OF THE LHRH TANDEM REPEAT PEPTIDE AND THEIR USE AS VACCINE", U.S. Patent 5,885,966, granted March 23, 1999, of which Pepscan Systems B.V. is now sole owner by assignment and on whose behalf and with whose assent the accompanying application is made, hereby offers to surrender said Letters Patent.

Pursuant to 37 C.F.R. § 3.73, the undersigned representative of the Assignee has reviewed the evidentiary documents appertaining to the above referenced patent which establish a chain of title from the inventors to the present owner Pepscan Systems B.V., a copy of said evidentiary documents is attached hereto, and certifies that to the best of his knowledge and belief, title presently resides name of Pepscan Systems B.V.

The undersigned further represents that he is empowered to make and sign the foregoing certification on behalf of the Assignee, and to take the action set forth herein on behalf of the Assignee.

PEPSCAN SYSTEMS B.V.

Date: 2nd December, 2003

By: 

Name

Title

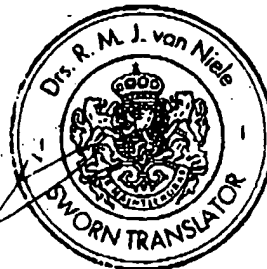
Dr. Joost B.M.M. van Aree

CEO

**CERTIFICATE**

I, Drs. R.M.J. van Niele, a sworn translator, of Netherlands nationality, of Dr. Plesmansingel 53, 1185 GM Amstelveen, the Netherlands, do hereby declare that, to the best of my knowledge and belief, the attached translation prepared by me is a true and correct translation of the attached document in the Dutch language.

Signed this 7<sup>th</sup> day of October, 1999



- translation -

990904

The undersigned, Onno van der Schatte Olivier, civil-law notary at The Hague, whose registered office is situated at 2584 AE The Hague, Scheveningseweg 120, declares, at the request of the foundation:

**STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK,**

having its registered office at Wageningen and having its principal place of business at 6708 PD Wageningen, Bornsesteeg 53, registered in the trade register of the Chamber of Commerce and Industry for Central Gelderland under number 09098104, as follows:

- according to an assignment dated September the ninth, nineteen hundred and ninety-one, Mr. Robert Hans Meloen and Mr. Cornelis Johannes Gerardus Wensing transferred to the foundation "STICHTING CENTRAAL DIERGENEESKUNDIG INSTITUUT", having its registered office at Lelystad, the invention: "A peptide, immunogenic composition and vaccines and medicinal preparation; a method of immunising a mammal against LHRH and a method of improving the meat quality of pigs", filed with The United States Patent and Trademark Office under Application Serial No. 761, 849; on the basis of said patent application, an application (continuation-in-part) was filed on June the seventh, nineteen hundred and ninety-five, under number 08/477.298;
- according to a deed passed before civil-law notary V.M.J. Hak of Lelystad on November the second, nineteen hundred and ninety-four, the foundation "Stichting Centraal Diergeneeskundig Instituut", established at Lelystad, merged with two other foundations and the articles of the foundation "Stichting Centraal Diergeneeskundig Instituut" as acquiring legal entity were amended and, inter alia, the name "Stichting Centraal Diergeneeskundig Instituut" was changed to "STICHTING INSTITUUT VOOR VEEHOUDERIJ EN DIERGEZONDHEID", with Lelystad as registered place of business;
- by deed passed before the above-mentioned civil-law notary Hak on September the nineteenth, nineteen hundred and ninety-five, the articles of the foundation "Stichting Instituut voor Veehouderij en Diergezondheid" were amended, whereby, inter alia, the name was changed to "STICHTING INSTITUUT VOOR DIERHOUDERIJ EN DIERGEZONDHEID", with Lelystad as registered place of business;

- by deed passed before civil-law notary P.J.J.M. van Dullemen of The Hague on September the third, nineteen hundred and ninety-eight, the foundation "Stichting Instituut voor Dierhouderij en Diergezondheid" merged with, inter alia, the foundation "Stichting Dienst Landbouwkundig Onderzoek", mentioned above, with the latter foundation as acquiring legal entity and the foundation "Stichting Instituut voor Dierhouderij en Diergezondheid" as one of the legal entities ceasing to exist, as a result of which the foundation "Stichting Dienst Landbouwkundig Onderzoek" has acquired the entire capital of the foundation "Stichting Instituut voor Dierhouderij en Diergezondheid" under universal title;

- to the capital of the foundation "Stichting Instituut voor Dierhouderij en Diergezondheid" (formerly named "Stichting Instituut voor Veehouderij en Diergezondheid", named "Stichting Centraal Diergeneeskundig Instituut" before that) belonged, as mentioned, United States Patent application number 08/477,298, which patent application, due to the merger, presently forms part of the capital of the foundation "Stichting Dienst Landbouwkundig Onderzoek", having its registered office at Wageningen;

- the articles of the foundation "Stichting Dienst Landbouwkundig Onderzoek" are as established by deed passed before the above-mentioned civil-law notary van Dullemen on December the ninth, nineteen hundred and ninety-seven.

Thus prepared in duplicate and signed at The Hague on October the sixth, nineteen hundred and ninety-nine.

[stamp O. van der Schatte Olivier,  
civil-law notary of The Hague]

[sgd., illegibly]



990904

De ondergetekende, mr. Onno van der Schatte ----  
Olivier, notaris te 's-Gravenhage, kantoorhoudend  
te 2584 AE 's-Gravenhage, Scheveningseweg 120, --  
verklaart op verzoek van de stichting: ----  
**STICHTING DIENST LANDBOUWKUNDIG ONDERZOEK**, ----  
statutair gevestigd te Wageningen, kantoorhoudend  
te 6708 PD Wageningen, Bornsesteeg 53, ----  
ingeschreven in het handelsregister van de Kamer  
van Koophandel en Fabrieken voor Centraal ----  
Gelderland onder nummer 09098104, ----  
als volgt: ----  
- blijkens een "assignment" de dato negen ----  
september negentienhonderd een en negentig werd -  
door de heer Robert Hans Meloen en de heer ----  
Cornelis Johannes Gerardus Wensing overgedragen -  
aan de stichting "STICHTING CENTRAAL ----  
DIERGENEESKUNDIG INSTITUUT", statutair ----  
gevestigd te Lelystad, de uitvinding: ----  
"A peptide, immunogenic composition and vaccines  
and medicinal preparation; a method of immunising  
a mammal against LHRH and a method of improving  
the meat quality of pigs", ingediend bij ----  
The United States Patent and Trademark Office ---  
onder Application Serial no. 761, 849; op basis -  
van genoemde octrooiaanvraag is op zeven juni ---  
negentienhonderd vijfennegentig ingediend een ---  
aanvraag (continuation-in-part) onder nummer ---  
08/477.298; ----  
- blijkens akte op twee november negentienhonderd  
vier en negentig verleden voor notaris mr. V.M.J.  
Hak te Lelystad is de stichting "Stichting ----  
Centraal Diergeneeskundig Instituut", gevestigd -  
te Lelystad gefuseerd met twee andere stichtingen  
en zijn de statuten van de stichting "Stichting -  
Centraal Diergeneeskundig Instituut" als ----  
verkrijgende rechtspersoon gewijzigd en werd ---  
onder meer de naam "Stichting Centraal ----  
Diergeneeskundig Instituut" gewijzigd in ----  
"STICHTING INSTITUUT VOOR VEEHOUDERIJ EN ----  
DIERGEZONDHEID" met als statutaire ----  
vestigingsplaats Lelystad; ----  
- bij akte op negentien september ----  
negentienhonderd vijf en negentig verleden voor -  
genoemde notaris Hak, zijn de statuten van de ---  
stichting "Stichting Instituut voor Veehouderij -  
en Diergezondheid" gewijzigd, waarbij onder meer



2

de naam werd gewijzigd in "STICHTING INSTITUUT --  
VOOR DIERHOUDERIJ EN DIERGEZONDHEID" met als ----  
statutaire vestigingsplaats Lelystad; ----  
- bij akte op drie september negentienhonderd ---  
acht en negentig verleden voor notaris mr. ----  
P.J.J.M. van Dullemen te 's-Gravenhage is de ----  
stichting "Stichting Instituut voor Dierhouderij  
en Diergezondheid" gefuseerd met onder meer de --  
stichting "Stichting Dienst Landbouwkundig -----  
Onderzoek" voornoemd, met laatstgemelde stichting  
als verkrijgende rechtspersoon en de stichting --  
"Stichting Instituut voor Dierhouderij en ----  
Diergezondheid" als een van de verdwijnende ----  
rechtspersonen, met als gevolg dat de stichting -  
"Stichting Dienst Landbouwkundig Onderzoek" het -  
gehele vermogen van de stichting "Stichting ----  
Instituut voor Dierhouderij en Diergezondheid" --  
onder algemene titel heeft verkregen; ----  
- tot het vermogen van de stichting "Stichting --  
Instituut voor Dierhouderij en Diergezondheid"  
(voorheen genaamd "Stichting Instituut voor ----  
Veehouderij en Diergezondheid", daarvoor genaamd  
"Stichting Centraal Diergeneeskundig -----  
Instituut"), behoorde zoals gemeld de Amerikaanse  
Octrooiaanvraag nummer 08/477,298, welke ----  
octrooiaanvraag als gevolg van de fusie thans ---  
deel uitmaakt van het vermogen van de stichting -  
"Stichting Dienst Landbouwkundig Onderzoek", ----  
statutair gevestigd te Wageningen; ----  
- de statuten van de stichting "Stichting Dienst  
Landbouwkundig Onderzoek" luiden zoals ----  
vastgesteld bij akte op negen december ----  
negentienhonderd zeven en negentig verleden voor  
genoemde notaris van Dullemen. ----  
Aldus in tweevoud opgemaakt en getekend te ----  
's-Gravenhage op zes oktober negentienhonderd ---  
negen en negentig. ----



**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Reissue Application of:****Robert Hans Meloen et al.****U.S. Patent: 5,885,966****Issued: March 23, 1999****For: PEPTIDE, IMMUNOGENIC  
COMPOSITION AND VACCINE OR  
MEDICAL PREPARATION, A METHOD TO  
IMMUNISE ANIMALS AGAINST THE  
HORMONE LHRH, AND ANALOGS OF THE  
LHRH TANDEM REPEAT PEPTIDE AND  
THEIR USE AS VACCINE****Reissue Serial No.: 09/876,257****Attorney Docket No.: 3516.2US****NOTICE OF EXPRESS MAILING**Express Mail Mailing Label Number: EV325783823USDate of Deposit with USPS: January 16, 2004Person making Deposit: Christopher Haughton**ASSENT OF ASSIGNEE****Assistant Commissioner for Patents  
Washington, D.C. 20231****Sir:**

The undersigned assignee of the entire interest in U.S. Patent 5,885,966 hereby assents to the application for reissue of U.S. Patent 5,885,966 identified as Reissue Serial Number 09/876,257..

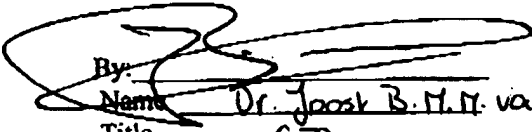
Pursuant to 37 C.F.R. §3.73, the undersigned representative of the Assignee has reviewed the evidentiary title documents appertaining to U.S. Patent 5,885,966, a copy of which is attached hereto, and certifies to the best of his knowledge and belief that title in the referenced U.S. Patent resides in the name of Pepscan Systems B.V.



The undersigned further avers that he is empowered to make and sign the foregoing certification on behalf of the Assignee, and to take the action set forth herein on behalf of the Assignee.

PEPSCAN SYSTEMS B.V.

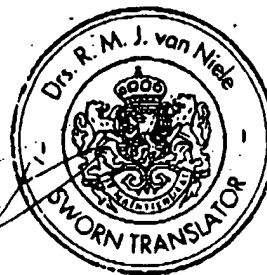
Date: 2nd December 2003

By:   
Name: Dr. Joost B.M.M. van Bree  
Title: CEO

**CERTIFICATE**

I, Drs. R.M.J. van Niele, a sworn translator, of Netherlands nationality, of Dr. Plesmansingel 53, 1185 GM Amstelveen, the Netherlands, do hereby declare that, to the best of my knowledge and belief, the attached translation prepared by me is a true and correct translation of the attached document in the Dutch language.

Signed this 7<sup>th</sup> day of October, 1999



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[stamp O. van der Schatte Olivier,  
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[sgd., illegibly]



990904

De ondergetekende, mr. Onno van der Schatte -----  
Olivier, notaris te 's-Gravenhage, kantoorhoudend  
te 2584 AE 's-Gravenhage, Scheveningsweg 120, --  
verklaart op verzoek van de stichting: -----  
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aanvraag (continuation-in-part) onder nummer ---  
08/477.298; -----  
- blijkens akte op twee november negentienhonderd  
vier en negentig verleden voor notaris mr. V.M.J.  
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Centraal Diergeneeskundig Instituut", gevestigd -  
te Lelystad gefuseerd met twee andere stichtingen  
en zijn de statuten van de stichting "Stichting -  
Centraal Diergeneeskundig Instituut" als -----  
verkrijgende rechtspersoon gewijzigd en werd ----  
onder meer de naam "Stichting Centraal -----  
Diergeneeskundig Instituut" gewijzigd in -----  
"STICHTING INSTITUUT VOOR VEEHOUDERIJ EN -----  
DIERGEZONDHEID" met als statutaire -----  
vestigingsplaats Lelystad; -----  
- bij akte op negentien september -----  
negentienhonderd vijf en negentig verleden voor -  
genoemde notaris Hak, zijn de statuten van de ---  
stichting "Stichting Instituut voor Veehouderij -  
en Diergezondheid" gewijzigd, waarbij onder meer



2

de naam werd gewijzigd in "STICHTING INSTITUUT --  
VOOR DIERHOUDERIJ EN DIERGEZONDHEID" met als ----  
statutaire vestigingsplaats Lelystad; ----  
- bij akte op drie september negentienhonderd ---  
acht en negentig verleden voor notaris mr. ----  
P.J.J.M. van Dullemen te 's-Gravenhage is de ----  
stichting "Stichting Instituut voor Dierhouderij  
en Diergezondheid" gefuseerd met onder meer de --  
stichting "Stichting Dienst Landbouwkundig ----  
Onderzoek" voornoemd, met laatstgemelde stichting  
als verkrijgende rechtspersoon en de stichting --  
"Stichting Instituut voor Dierhouderij en ----  
Diergezondheid" als een van de verdwijnende ----  
rechtspersonen, met als gevolg dat de stichting --  
"Stichting Dienst Landbouwkundig Onderzoek" het -  
gehele vermogen van de stichting "Stichting ----  
Instituut voor Dierhouderij en Diergezondheid" --  
onder algemene titel heeft verkregen; ----  
- tot het vermogen van de stichting "Stichting --  
Instituut voor Dierhouderij en Diergezondheid"  
(voorheen genaamd "Stichting Instituut voor ----  
Veehouderij en Diergezondheid", daarvoor genaamd  
"Stichting Centraal Diergeneeskundig ----  
Instituut"), behoorde zoals gemeld de Amerikaanse  
Octrooiaanvraag nummer 08/477,298, welke ----  
octrooiaanvraag als gevolg van de fusie thans ---  
deel uitmaakt van het vermogen van de stichting -  
"Stichting Dienst Landbouwkundig Onderzoek", ----  
statutair gevestigd te Wageningen; ----  
- de statuten van de stichting "Stichting Dienst  
Landbouwkundig Onderzoek" luiden zoals ----  
vastgesteld bij akte op negen december ----  
negentienhonderd zeven en negentig verleden voor  
genoemde notaris van Dullemen. ----  
Aldus in tweevoud opgemaakt en getekend te ----  
's-Gravenhage op zes oktober negentienhonderd ---  
negenen en negentig. ----



**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Reissue Application of:****Robert Hans Melen et al.****U.S. Patent: 5,885,966****Issued: March 23, 1999****For: PEPTIDE, IMMUNOGENIC  
COMPOSITION AND VACCINE OR  
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IMMUNISE ANIMALS AGAINST THE  
HORMONE LHRH, AND ANALOGS OF THE  
LHRH TANDEM REPEAT PEPTIDE AND  
THEIR USE AS VACCINE****Reissue Serial No.: 09/376,257****Attorney Docket No.: 3516.2US****NOTICE OF EXPRESS MAILING**Express Mail Mailing Label Number: EY325783823USDate of Deposit with USPS: January 16, 2004Person making Deposit: Christopher Houghton**SUPPLEMENTAL REISSUE DECLARATION**Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned declarants, Robert Hans Melen and Hendrica Oonk, state and declare individually as follows:

My residence, post office address, and citizenship are as set forth at the end of this DECLARATION by my signature above my typed name.

I believe myself to be an original, first and co-inventor of the subject matter which is claimed and for which a reissue patent is sought on the invention entitled PEPTIDE, IMMUNOGENIC

COMPOSITION AND VACCINE OR MEDICAL PREPARATION, A METHOD TO IMMUNISE ANIMALS AGAINST THE HORMONE LHRH, AND ANALOGS OF THE LHRH TANDEM REPEAT PEPTIDE AND THEIR USE AS VACCINE, an application which was filed in the U.S. Patent and Trademark Office (the "Office") on December 5, 1997 and assigned Serial No. 08/981,557.

I hereby claim priority under 35 U.S.C. § 371 from PCT International Application Number PCT/NL96/00223, filed on 6 June 1996, which itself claims priority from U.S. Patent application serial nos. 08/477,298 and 08/476,013 both filed on 7 June 1995.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to in this DECLARATION, the amended specification in U.S. Patent 5,686,762 as first presented with this Reissue Application.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I believe the original patent to be partly inoperative by reason of a partially defective specification with respect to a priority claim. Specifically, I believe that the specification should have contained a priority claim to U.S. patent application serial nos. 08/477,298 filed on 7 June 1995 and 08/476,013 filed on 7 June 1995.

All errors which are being corrected in the present reissue application, and were not covered by the prior declaration submitted in this application, arose without any deceptive intention on the part of the Applicants.

I appoint the following Registered Practitioners to prosecute this application and to transact all business in the Patent and Trademark Office:

Allen C. Turner, Reg. No. 33,041

I direct that all correspondence and telephone communications be directed to Allen C. Turner at TRASK BRITT, P.O. Box 2550, Salt Lake City, Utah 84110, telephone (801) 532-1922.



I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: January 14, 2004

  
Robert Hans Meloen

Inventor's Full Name:  
Country of Citizenship:  
Residence Address:

Robert Hans Meloen  
The Netherlands  
Karveel 10-04  
Lelystad 8231 AP  
The Netherlands

Date: January 14, 2004

  
Hendrica Berandina Oonk

Inventor's Full Name:  
Country of Citizenship:  
Residence Address:

Hendrica Berandina Oonk  
The Netherlands  
Golfsparck 149  
Lelystad 8241 AC  
The Netherlands

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

Name of conveying party(ies):  
Stichting Dienst Landbouwkundig Onderzoek

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: December 2, 2003

2. Name and address of receiving party(ies)

Name: ID-Lelystad B.V.

Address: Edelhartweg 15, 8219 PH, Lelystad  
The Netherlands

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name: Betty Vowles

Signature: \_\_\_\_\_

Date: January 16, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
09/876,257 (now U.S. Patent 5,885,966)

B. Patent No.(s)

**COPY**

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: TraskBritt

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 2550

City: Salt Lake City State: UT Zip: 84110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) . . . . . \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

20-1469

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Allen C. Turner

Name of Person Signing  
Reg. No. 33,041

Signature

Attorney Docket No.: 2183-3516.2US

January 16, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket No. 2183-3516.2US

**ASSIGNMENT**

WHEREAS, Stichting Dienst Landbouwkundig Onderzoek, a business entity, having a place of business at Edelhertweg 15, 8219 PH Lelystad, the Netherlands (hereinafter "ASSIGNOR") is the owner of an invention entitled **PEPTIDE, IMMUNOGENIC COMPOSITION AND VACCINE OR MEDICAL PREPARATION, A METHOD TO IMMUNISE ANIMALS AGAINST THE HORMONE LHRH, AND ANALOGS OF THE LHRH TANDEM REPEAT PEPTIDE AND THEIR USE AS VACCINE**, for which the patent application number 08/981,557 was filed in the United States on December 5, 1997 and issued as United States Patent No. 5,885,966 on March 23, 1999;

WHEREAS, ID-Lelystad B.V., a business entity having a place of business at Edelhertweg 15, 8219 PH, Lelystad, the Netherlands (hereinafter "ASSIGNEE") is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said patent.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his successors, legal representatives and assigns the entire right, title and interest in, to and under the said invention, and the said application, and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States; and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, to issue all Letters Patent for said invention to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants that ASSIGNOR have full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, Stichting Dienst Landbouwkundig Onderzoek has caused this instrument to be executed by its duly authorized officer this 2 day of December, 2003.

Stichting Dienst Landbouwkundig Onderzoek

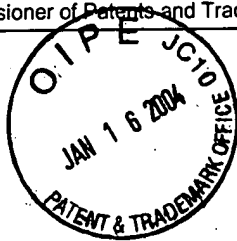
By: G. K. J. van AitTitle: Vice-president Executive Board

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
ID-Lelystad B.V.



Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: December 2, 2003

2. Name and address of receiving party(ies)

Name: Pepscan Systems B.V.

Address: Edelhartweg 15, 8219 PH, Lelystad  
The Netherlands

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name: Betty Vowles

Signature: \_\_\_\_\_

Date: January 16, 2004

4. Application number(s) or patent number(s):

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Reg. No. 33,041

  
Signature

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WHEREAS, Pepscan Systems B.V., a business entity having a place of business at Edelhertweg 15, 8219 PH, Lelystad, the Netherlands (hereinafter "ASSIGNEE") is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said patent.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his successors, legal representatives and assigns the entire right, title and interest in, to and under the said invention, and the said application, and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States; and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, to issue all Letters Patent for said invention to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants that ASSIGNOR have full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, ID-Lelystad B.V. has caused this instrument to be executed by its duly authorized officer this 2 day of December, 2003.

ID-Lelystad B.V.

By: prof. dr. H.W. de VriesTitle: Director General